

Product Datasheet

Peroxiredoxin 5 Antibody (002) - Azide and BSA Free NBP2-89862-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-89862-100ul

Peroxiredoxin 5 Antibody (002) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	002
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS

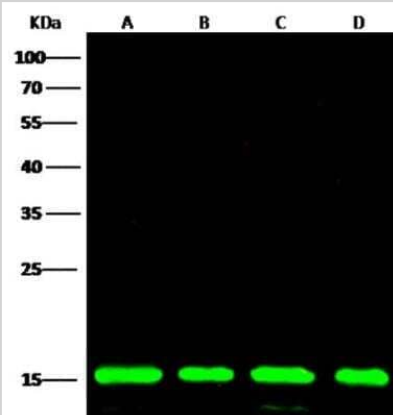
Product Description	
Description	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	25824
Gene Symbol	PRDX5
Species	Human
Immunogen	This antibody was obtained from a rabbit immunized with purified, recombinant Human Peroxiredoxin 5 (Uniprot#: P30044-2; Met53-Leu214).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:2000, Immunocytochemistry/ Immunofluorescence 1:20-1:100, Immunoprecipitation 4-8 uL/mg of lysate, Knockout Validated

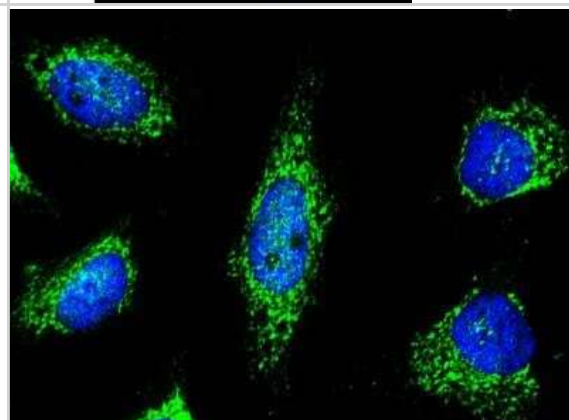


Images

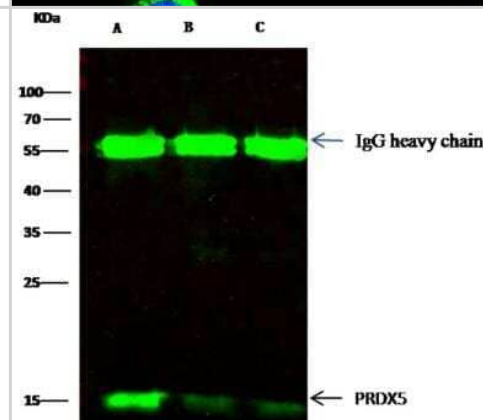
Western Blot: Peroxiredoxin 5 Antibody (002) [NBP2-89862] - Lane A: Hela Whole Cell Lysate Lane B: 293T Whole Cell Lysate Lane C: Jurkat Whole Cell Lysate Lane D: 293 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size:22 kDa Observed band size:15 kDa



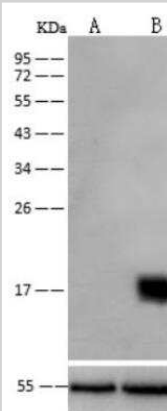
Immunocytochemistry/Immunofluorescence: Peroxiredoxin 5 Antibody (002) [NBP2-89862] - Staining of PRDX5 in Hela cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-human PRDX5 monoclonal antibody (1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor(R) 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).



Immunoprecipitation: Peroxiredoxin 5 Antibody (002) [NBP2-89862] - Lane A:0.5 mg Hela Whole Cell Lysate Lane B:0.5 mg Jurkat Whole Cell Lysate Lane C:0.5 mg 293T Whole Cell Lysate 2 uL anti-PRDX5 rabbit monoclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-PRDX5 rabbit monoclonal antibody, at 1:500 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odssey technique. Performed under reducing conditions. Predicted band size: 22 kDa Observed band size: 22 kDa



Western Blot: Peroxiredoxin 5 Antibody (002) [NBP2-89862] - Lane A: PRDX5 konckout Hela Whole Cell Lysate Lane B: Hela Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size:22 kDa Observed band size:15 kDa





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Products Related to NBP2-89862-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-38370PEP	Peroxiredoxin 5 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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